SHRI HARI S

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Software Engineer with 1.5 years of experience in C++ development, contributing to enterprise applications. Skilled in backend development, SQL, and writing clean, maintainable code with hands-on experience in Python.

WORK EXPERIENCE

Product Engineer | EDGEVERVE SYSTEMS (INFOSYS) (AUG 2024 — AUG 2025)
Role: Product Engineer
Time period: 1 year

- Developed features for enterprise applications using C++ and SQL.
- Debugged and resolved issues in production and development environments.
- Supported code migration between releases to ensure smooth feature integration.
- Built automation tools to streamline development workflows and improve efficiency.

Engineering Intern | EDGEVERVE SYSTEMS (INFOSYS) (FEB 2024 — JUL 2024)
Focus: Product Development
Time period: 5 months

- Gained hands-on experience with internal workflows and development processes
- Implemented small features and contributed to ongoing product development
- Debugged and resolved minor issues to improve application stability

TECHNICAL SKILLS

Languages: C / C++ / Python / Go / SQL
Frameworks & Libraries: PyTorch / LangChain / LangGraph / CUDA

PROJECTS

Rocket-Lib

- Developed a high-performance Python library for neural network training with efficient computation design.
- Implemented multi-backend execution (CPU , CUDA) for optimized hardware utilization.
- Built parallel processing pipelines to accelerate tensor operations and reduce training time.
- Designed a modular architecture with integrated benchmarking for CPU vs GPU performance analysis.

Password Manager

- Built a CLI-based password manager in C++17 for secure local credential storage.
- Implemented AES-256 encryption (OpenSSL) to protect the entire vault as an encrypted binary.
- Designed PBKDF2-SHA256 key derivation (200K iterations + salt) to counter brute force attacks
- Structured the project with a modular architecture separating encryption, storage, and CLI logic.

EDUCATION

B.E. in Computer Science & Engineering | NMAM Institute of Technology (December 2020 – July 2024)
CGPA: 8.6

Class XII (PUC) | Pre-University Board of Karnataka (KPUC) (2020)
Score: 76.67%

Class X | Central Board of Secondary Education (CBSE) (2018)
Score: 81.2%